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PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 587-33   |
| First Inventor         | Man-Pyo Hong                                   |
| Title                  | Method of Detecting Malicious Scripts Using... |
| Express Mail Label No. | EV995744394US                                  |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
- ☒ Oath or Declaration [Total Pages 6]
  - ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
  - ☐ (for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents, P. O. Box 1450  
Alexandria, VA 22313-1450

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: CHECKS FOR \$385.00 AND \$40.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

|         |                          |           |                |          |                |
|---------|--------------------------|-----------|----------------|----------|----------------|
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|-------------------|---|-----------------------------------|----------|
| Name (Print/Type) | GEORGE M. KAPLAN  | Registration No. (Attorney/Agent) | 28,375   |
| Signature         |  | Date                              | 12/15/03 |

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV995744394US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 12/15/03

GEORGE M. KAPLAN

031356 U.S. PTO  
10/735985

121503

13049 U.S. PTO  
121503

PATENT  
Atty. Dock t No. 587-34

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Man-Pyo Hong, Sung- Wook Lee, Si-Haeng Cho,

For: METHOD OF DETECTING MALICIOUS SCRIPTS USING  
CODE INSERTION TECHNIQUE

Enclosed are:

[X] 14 page(s) of specification

[X] 1 page(s) of Abstract

[X] 1 page(s) of claims

[X] 7 sheets of drawings [X] formal [ ] informal (Figs 1-10)

[X] 6 page(s) of Declaration and Power of Attorney

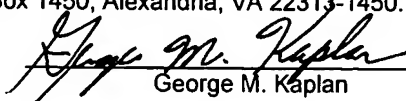
[X] Executed Assignment to: Daewoo Educational Foundation

[X] Information Disclosure Statement, Form PTO-1449, copies of Cited References

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date December 15, 2003 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV995744394US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: December 15, 2003

  
George M. Kaplan

- ☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s):

APPLICATION NO(S):  
/

FILING DATE  
\_\_\_\_\_

- ☒ Certified copy of application

| <u>Country</u>    | <u>Appl. No.</u> | <u>Filed</u>   |
|-------------------|------------------|----------------|
| Republic of Korea | 2003-16208       | March 14, 2003 |

from which priority under Title 35 United States Code, § 119 is claimed

☒ is enclosed.

☐ will follow.

**CALCULATION OF UTILITY APPLICATION FEE**

| For  | Number Filed | Number Extra | Rate           | Basic Fee<br>\$770.00 |
|--|--------------|--------------|----------------|-----------------------|
| TOTAL CLAIMS                                 | 2            | 0            | x 18 =         | \$ .00                |
| INDEPENDENT CLAIMS                           | 1            | 0            | x 86 =         | \$ .00                |
| <input type="checkbox"/> Multiple Dep. Claim |              |              | 290            | \$ .00                |
|  |              |              | TOTAL \$770.00 |                       |

- ☒ Small Entity Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$385.00.
- ☒ The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- ☒ Check(s) in the amount of \$385.00 and \$40.00 to cover the ☒ recording, ☒ filing fee(s) are attached.

☐ Charge fee to Deposit Account No. 04-1121.  
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. **04-1121**. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. **04-1121** therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Respectfully submitted,

Date: December 15, 2003



George M. Kaplan  
Reg. No. 28,375  
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